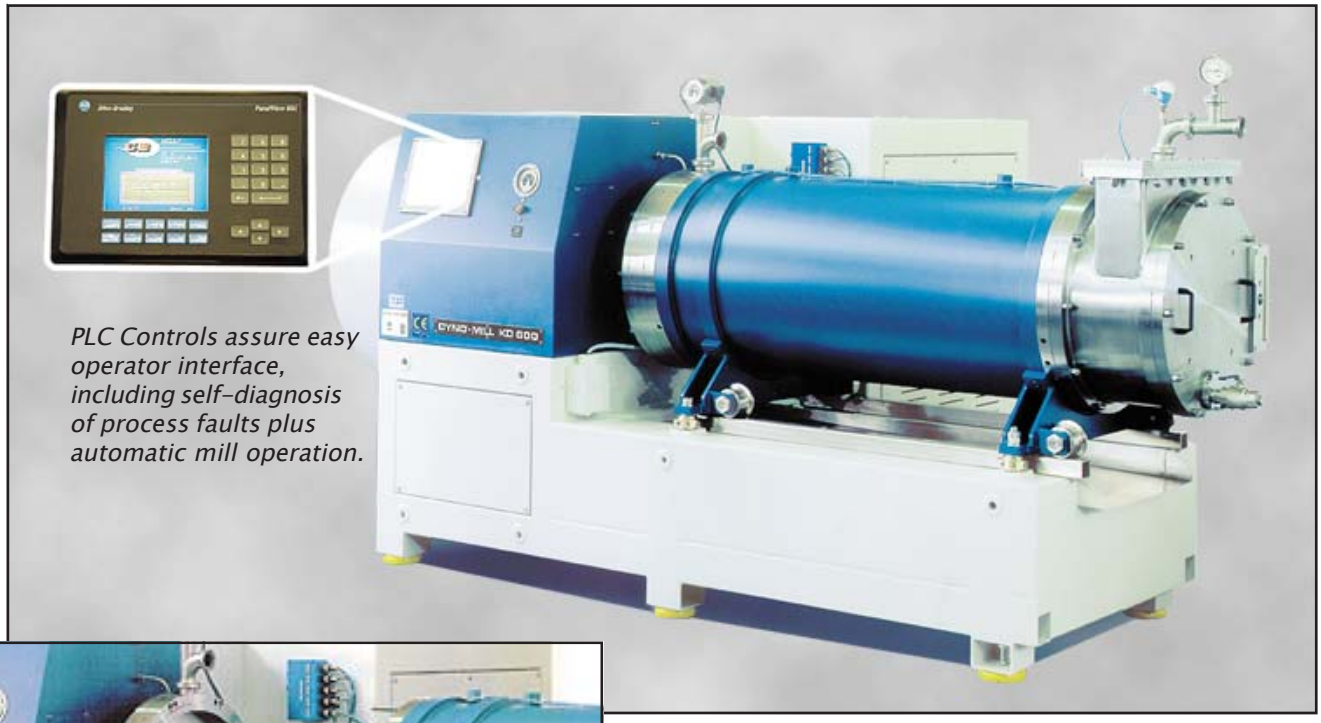
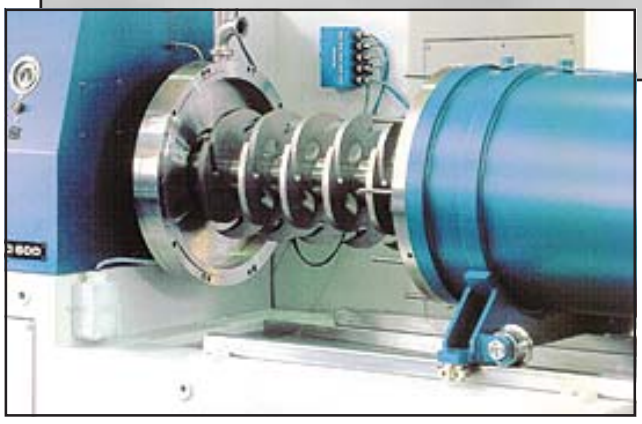
CB MILLS
DIVISION OF
CHICAGO BOILER COMPANY SINCE 1891

WAB

DYNO®-Mill
Model KD 600



PLC Controls assure easy operator interface, including self-diagnosis of process faults plus automatic mill operation.



Specially designed agitator discs for high and uniform energy density.

Grinding Container removable for easy maintenance.

The DYNO-MILL KD 600 is used for high volume dispersion and wet grinding in many industries.

Applications:

- Coatings
- Pigment and Dyestuff Production
- Mineral Grinding
- Agricultural Chemicals

CB Mills / DYNO-Mill Model KD 600

Motor	Grinding Media (mm)	Production Capacity	No. of Agitator Discs	Grinding Container Volume	Weight (approx.)	Dimensions (L x W x H)
300 HP	0.5-5.0	2,200 - 11,000 lbs. / Hr.	10	600 Liters	16,500 Lbs.	12' x 8' x 7'

The DYNO®-Mill Type KD-600 may be used for the continuous dispersion and particle size reduction of liquid systems.

Applications:	Used in the dispersions of fillers, paper coatings, paints, inks, agricultural chemicals, pigments, and dyestuffs.
Drive:	Three-phase motor foot mounted, voltage available per application, 300 HP Chemical Service high-efficiency motor. V- belt drive for agitator peripheral speed 10 m/sec. Other speeds available.
Production Capacity:	2,200 - 11,000 Lbs./Hr. The production capacity indicated is an average. Throughput rates may vary based on your product.
Shaft Seal:	Pressurized cartridge-style double mechanical seal.
Separator:	Stainless Steel Screen System. Slot size 0.2, 0.4 and 0.6 mm.
Grinding media:	Various types from Silica Sand to Glass Beads to Steel Shot, etc. to achive your dispersion requirements; shipped from stock.
Controls:	Available with ***PLC*** Process automation. Self-learning process controller that maximizes machine capabilities and performance.
Materials of Construction:	Machine parts, that contact the product and subject to wear, are available in various materials such as hardened steel, stainless steel, hard chrome-plated stainless steel, polyurethane, or ceramic.
Connections:	2" NPT product inlet, 2" NPT product discharge, 1" cooling water.
Temperature and Pressure Limits:	Product Temperature: 40º - 250º F Pressure Grinding container: 58 psi Temp. Cooling System: 50º - 175º F Pressure Cooling System: Max. 85 psi Cooling Water Quantity: 8.75 - 26 gpm

Appropriate pump and electrical controls available to meet your requirements.

The DYNO-Mill KD Series is designed to be used for continuous dispersion and wet fine grinding of solids in a liquid form. It is important that no uncontrolled reactions occur as a result of pressure, temperature, or milling action. Product should remain flowable after processing.

SPECIFICATIONS AND TECHNICAL DATA SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

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For additional information or to arrange for a demonstration, please contact us.

CB MILLS
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